Amendment to the Specification

Please replace the paragraph at page 10, lines 1 – 7 with the following amended paragraph:

A firmware program for the monitoring system 218, which may be contained in FLASH memory within the processor 305, may be programmed through the In Circuit Program [[(ISP)]] (ICP) port connector 345. The [[ISP]] ICP port connector 345 provides the necessary programming signals from a device programmer to the processor 305 pins. Other types of programming methodologies are also possible, such as storing software in RAM, ROM, or magnetic or optical disk. The processor 305 loads and executes the software in a manner similar to executing the firmware.